

The Mongolian Government has taken early and very active measures to prevent and stop an eventual spread of the COVID-19. Besides closing all the educational institutions starting with January 27<sup>th</sup> and imposing international travel restrictions that are expanding along with the growing number of countries affected by COVID-19 globally, on 13 February 2020 the government also declared state of high alert. To prevent a possible spread of COVID during the Mongolian Lunar New Year (February 24-26, 2020), the National Emergency Commission restricted all travel between aimags (provinces), as well as incoming and outgoing flows in the capital city. Ulaanbaatar is by far the biggest urban settlement in Mongolia concentrating almost half of the country's population. It is a major destination, transition point and origin for population movements and as such may represent a powerful source for spreading COVID-19 to the entire country. To increase its preparedness and also an eventual response to COVID-19, the Governor's Office of the Capital City has requested the assistance of International Organization for Migration, Mission to Mongolia (IOM) to take evidence of all the incoming and outgoing flows of people by implementing its Displacement Tracking Matrix (DTM) methodology. Based on a joint agreement to implement DTM between IOM and the Governor's Office of the Capital City, a total of over 300 health and education system personnel have been trained as data enumerators and technical assistance was provided to set up the overall data collection and analysis framework. The pilot phase of the DTM flow monitoring in Ulaanbaatar was started on February 27<sup>th</sup>, 08:00 hrs while the roads were still closed for general free movement. The active implementation phase commenced when roads were opened for free circulation at 06:00 hrs on March 3<sup>rd</sup> and is scheduled to last until March 24<sup>th</sup>, 2020. Enumerators placed at 6 major checkpoints around the city (**Emeelt, Baruunturuun, Gunt, Ulziit, Morin and Nalaikh**) are collecting non-personal data on type of vehicle, passengers' profile, place as well as length of stay at origin and destination on a 24/7 time-schedule. Although it is the first time it is used in a capital city, since 2004 DTM has been implemented in over 80 countries and over 40 million individuals have been tracked globally in 2018 alone. Most recently DTM was used to track population movements in regions affected by Ebola. In Mongolia National Emergency Management Agency (NEMA) and IOM used DTM since 2018 to track the mobility of people in all administrative subdivision outside Ulaanbaatar improving preparedness for natural disasters, especially dzud.

### NUMBERS AT A GLANCE

**314,153**

cumulative movements tracked by DTM flow monitoring points (FMP)

**53,302**

Movements tracked in the past 24 hrs

**225,441**

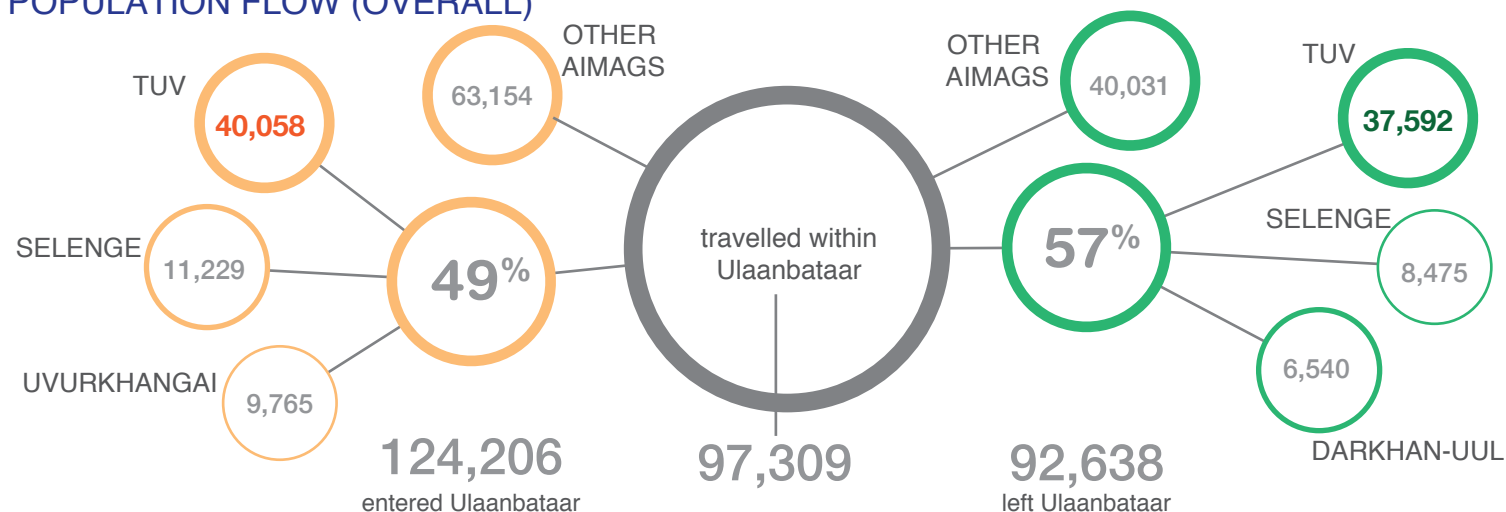
Movements tracked from the day of lifting of movement restrictions

### DEMOGRAPHICS

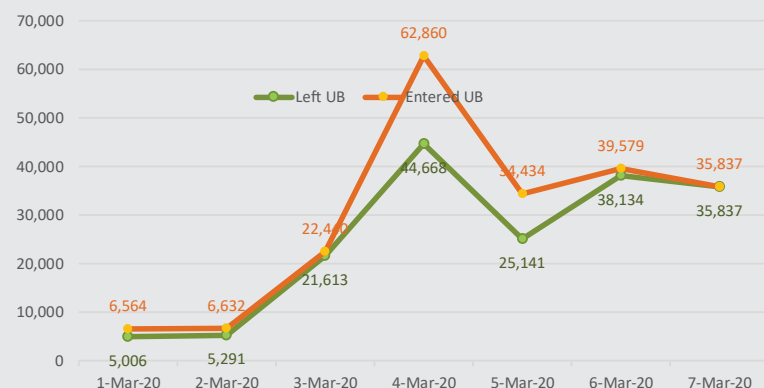
XX% - Overall  
XX% - Past 24 hrs



### POPULATION FLOW (OVERALL)



### MOVEMENT TRENDS

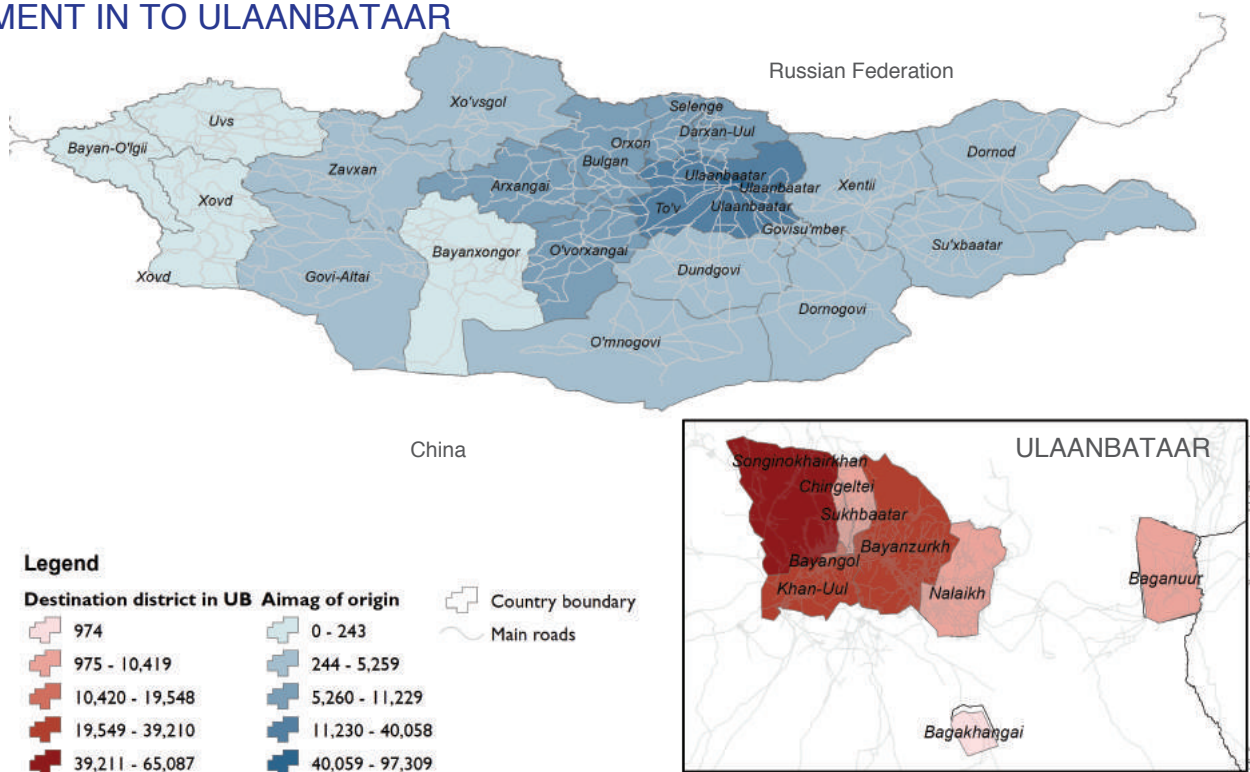


### MOVEMENT THROUGH CHECKPOINTS

Checkpoint	OVERALL			5-Mar-20		
	TOTAL	IN	OUT	TOTAL	IN	OUT
Emeelt	80,454	53,747	26,707	17,693	10,124	7,569
Baruunturuun	48,914	25,441	23,473	18,876	8,657	10,219
Nalaikh	46,860	24,979	21,881	10,690	5,238	5,452
Gunt	32,493	17,262	15,231	10,035	5,042	4,993
Ulziit	31,227	16,231	14,996	7,269	3,550	3,719
Morin	30,336	15,396	14,940	7,806	3,921	3,885
<b>Total</b>	<b>270,284</b>	<b>153,056</b>	<b>117,228</b>	<b>72,369</b>	<b>36,532</b>	<b>35,837</b>

Please note that because of the intense movement this data might not reflect the total number of vehicles which passed the checkpoints in the report timeframe. The trends outlined in the report are valid and provide important insights for preparedness and response to COVID-19.

### MOVEMENT IN TO ULAANBATAAR

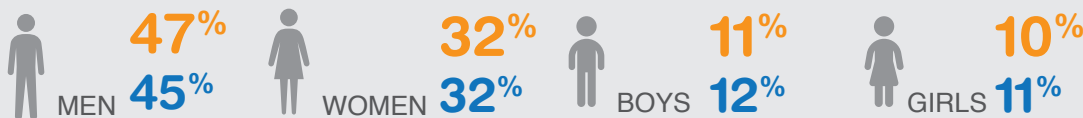


The boundaries and names shown and the designation used on this map do not imply official endorsement or acceptance

### DEMOGRAPHICS

XX% - Overall

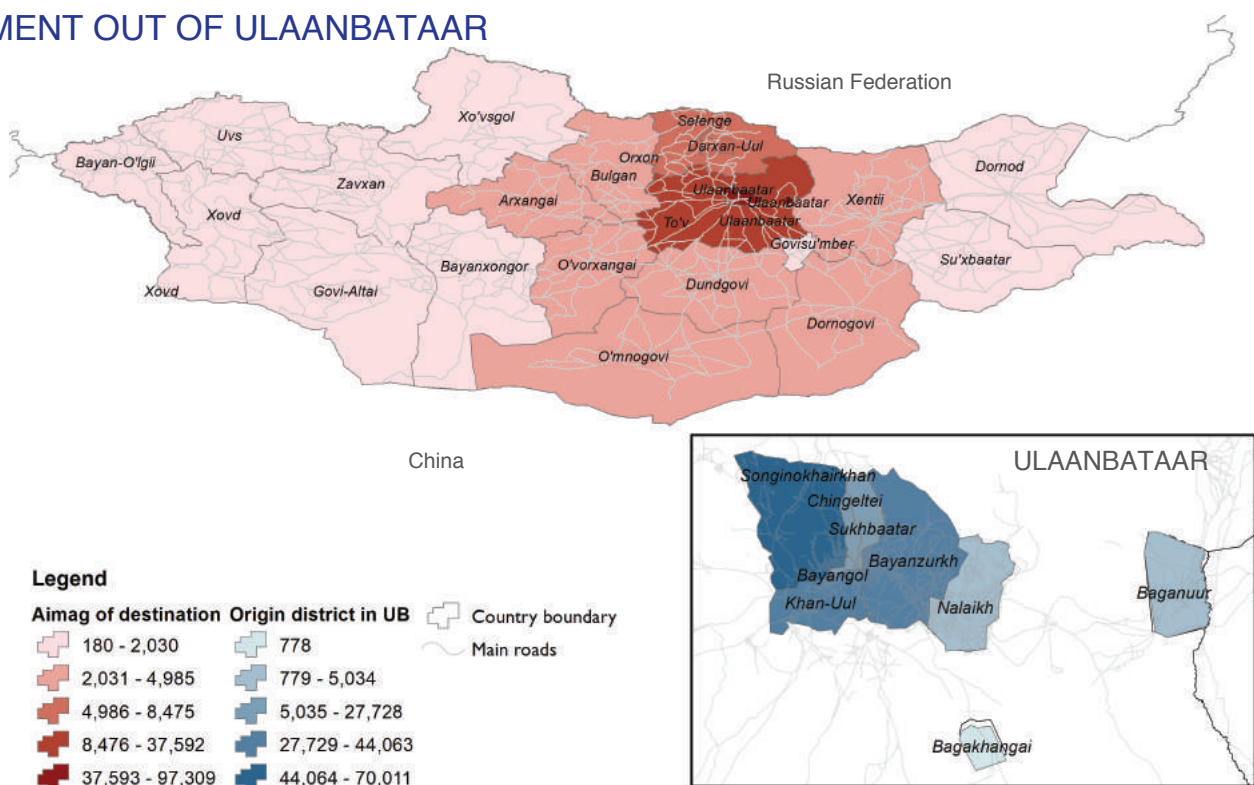
XX% - Past 24 hrs



UB district of destination	?	Bagakhangai	Baganuur	Bayangol	Bayanzurkh	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Aimag of origin											
Ulaanbaatar	220	687	3,422	6,813	11,269	4,480	25,568	4,009	36,847	3,994	97,309
Arkhangai	24	1	19	1,562	2,157	657	931	49	2,727	632	8,759
Bayankhongor	-	-	-	24	32	16	13	5	114	9	213
Bayan-Ulgii	4	-	-	40	67	9	11	2	44	41	218
Bulgan	33	13	19	1,199	1,630	427	809	38	1,734	434	6,336
Darkhan-Uul	20	8	21	1,756	2,267	683	1,212	102	2,839	719	9,627
Dornod	1	-	-	258	1,057	173	188	-	315	243	2,235
Dornogobi	14	-	3	460	1,063	134	230	13	323	230	2,470
Dundgobi	18	-	-	546	1,161	219	730	-	804	279	3,757
Gobi-Altai	4	4	19	270	512	116	184	3	540	140	1,792
Gobisumber	14	-	7	371	1,150	128	223	2	220	243	2,358
Khentii	3	-	11	560	2,971	379	349	4	465	517	5,259
Khovd	-	-	-	25	23	21	15	-	157	2	243
Khuvsgul	12	12	43	1,056	1,323	302	541	14	1,308	405	5,016
Orkhon	15	-	8	1,196	1,819	406	1,074	63	1,762	603	6,946
Selenge	53	7	54	2,478	2,656	890	1,230	90	2,842	929	11,229
Sukhbaatar	2	-	5	211	1,017	90	103	2	139	143	1,712
Tuv	106	42	138	6,379	8,577	3,177	5,958	202	12,537	2,942	40,058
Umnugobi	12	1	8	430	701	112	717	13	711	171	2,876
Uvurkhangai	38	5	42	1,785	2,161	632	1,425	77	3,007	593	9,765
Zavkhan	10	-	4	548	935	194	392	7	667	244	3,001
?	6	3	-	61	83	6	39	-	97	41	336
<b>TOTAL</b>	<b>609</b>	<b>783</b>	<b>3,823</b>	<b>28,028</b>	<b>44,631</b>	<b>13,251</b>	<b>41,942</b>	<b>4,695</b>	<b>70,199</b>	<b>13,554</b>	<b>221,515</b>

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### MOVEMENT OUT OF ULAANBATAAR



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### DEMOGRAPHICS

XX% - Overall

XX% - Past 24 hrs



49%

46%



29%

30%



12%

13%



10%

11%

UB District of origin	?	Bagakhangai	Bayanzurkh	Baganuur	Bayangol	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Aimag of destination											
Arkhangai	83	-	588	5	475	297	324	20	1,387	180	3,359
Bayankhongor	50	-	244	41	220	87	184	5	534	64	1,429
Bayan-Ulgii	-	-	76	-	50	-	7	-	27	20	180
Bulgan	73	-	642	12	493	231	380	16	971	168	2,986
Darkhan-Uul	24	-	1,387	30	1,051	405	719	87	2,352	485	6,540
Dornod	5	-	865	-	179	146	198	4	213	158	1,768
Dornogobi	30	-	1,516	10	606	246	351	-	345	246	3,350
Dundgobi	7	-	922	5	363	164	472	19	614	230	2,796
Gobi-Altai	13	5	75	13	34	36	69	6	179	57	487
Gobisumber	8	-	1,068	13	284	99	170	-	241	147	2,030
Khentii	7	4	2,491	6	467	263	337	-	348	323	4,246
Khovd	5	-	96	-	34	20	79	23	115	19	391
Khuvsgul	12	-	342	3	239	92	159	-	480	97	1,424
Orkhon	21	6	1,071	33	744	342	626	47	1,794	301	4,985
Selenge	12	3	1,905	67	1,616	545	1,023	166	2,514	624	8,475
Sukhbaatar	3	-	714	2	101	77	118	-	106	108	1,229
Tuv	255	33	7,835	113	5,491	2,837	6,053	177	12,143	2,655	37,592
Umnugobi	6	4	1,067	28	538	281	900	20	964	324	4,132
Uvs	15	-	66	-	28	34	41	17	164	31	396
Uvurkhangai	79	-	806	10	550	232	457	11	1,276	244	3,665
Zavkhan	14	-	179	7	73	31	100	4	310	55	773
?	22	-	70	6	25	35	36	5	191	15	405
<b>TOTAL</b>	<b>744</b>	<b>55</b>	<b>24,025</b>	<b>404</b>	<b>13,661</b>	<b>6,500</b>	<b>12,803</b>	<b>627</b>	<b>27,268</b>	<b>6,551</b>	<b>92,638</b>

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